

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/001811

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 H04L 12/28**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : AS ABOVE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/0082356 A1 (Qualcomm Inc) 29 Apr 2004 (see abstract, figure 1 ~ 6, claim 1)	1 ~ 7
A	WO 03/034642 A2 (Nortel Networks Limited) 24 Apr 2003 (see abstract, pages 22 ~ 25, figure 3 ~ 6, claim 1)	1 ~ 7

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

21 SEPTEMBER 2005 (21.09.2005)

Date of mailing of the international search report

21 SEPTEMBER 2005 (21.09.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Dong Hwan

Telephone No. 82-42-481-5755



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/001811

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US2004082356A1	29.04.2004	AU2003284943A1	13.05.2004
		AU2003284944A1	13.05.2004
		AU2003285112A1	13.05.2004
		AU2003287291A1	13.05.2004
		AU2003287293A1	13.05.2004
		AU2003287294A1	13.05.2004
		AU2003287296A1	13.05.2004
		AU2003287297A1	13.05.2004
		AU2003287326A1	13.05.2004
		AU2003287328A1	13.05.2004
		AU2003287329A1	13.05.2004
		CA2500164A1	06.05.2004
		CA2500355A1	06.05.2004
		CA2501458A1	06.05.2004
		CA2501634A1	06.05.2004
		US20040082356A1	29.04.2004
		US2004081073A1	29.04.2004
		US2004081131A1	29.04.2004
		US2004085939A1	06.05.2004
		US2004087324A1	06.05.2004
		US2004120411A1	24.06.2004
		US2004136349A1	15.07.2004
		US2004137863A1	15.07.2004
		US2004146018A1	29.07.2004
		US2004156328A1	12.08.2004
		US2004179627A1	16.09.2004
		WO2004038951A2	06.05.2004
		WO2004038952A2	06.05.2004
		WO2004038984A2	06.05.2004
		WO2004038985A2	06.05.2004
		WO2004038986A2	06.05.2004
		WO2004038987A2	06.05.2004
		WO2004038988A2	06.05.2004
		WO2004038989A2	06.05.2004
		WO2004039011A2	06.05.2004
		WO2004039022A2	06.05.2004
		WO2004039027A2	06.05.2004
W003034642A2	24.04.2003	EP01438799A2	21.07.2004
		EP1438799A2	21.07.2004
		US20030072255A1	17.04.2003
		US2003072255A1	17.04.2003
		US2003072255AA	17.04.2003
		WO2003034642A2	24.04.2003
		WO2003034642A3	15.01.2004
		WO2003034642B1	04.03.2004